

**Nebraska GIS Steering Committee**  
**Resolution Creating an Advisory Committee on LIDAR**  
*Draft Resolution for Consideration on 11/1/07*

- Whereas:* The Nebraska GIS Steering Committee is charged with establishing guidelines and policies for statewide Geographic Information Systems and priority databases, and authorized to establish advisory committees from various levels of government, industry, or the general public pursuant to Sections 85-569 and 85-573, R.R.S. 1943;
- Whereas:* Surface elevation databases are a critically important geospatial database for a wide range of GIS applications and as such have been determined to be a priority database for development by the Nebraska GIS Steering Committee;
- Whereas:* Elevation databases have been determined by the Federal Geographic Data Committee (FGDC) to be a Framework Database because their use by a wide cross-section of geospatial data users;
- Whereas:* The Nebraska GIS Steering Committee's strategic database development goal states, "Actively coordinate the development, maintenance, and distribution of priority statewide digital geospatial databases,";
- Whereas:* LIDAR (Light Detection and Ranging) is a proven remote sensing technology that enables the efficient collection of highly accurate surface elevation data for large geographic areas;
- Whereas:* A number of state, local and federal agencies have expressed an interest in further exploring the merits and possibilities of statewide LIDAR development,

*Now Therefore, be it resolved:*

- Section 1.* That the Nebraska GIS Steering Committee creates an Advisory Committee on LIDAR to study and make recommendations to the GIS Steering Committee on issues related to the use of LIDAR technology to develop enhanced surface elevation data for Nebraska.
- Section 2.* The Nebraska Department of Natural Resources will actively work with the Steering Committee's Coordinator to facilitate the convening and the provision of administrative support for this Advisory Committee's work.
- Section 2.* In formulating its recommendations, the Advisory Committee will solicit either the direct involvement of, or input from agencies and other interest groups that make significant use of these databases, to include at least the following:
- |                                  |                              |                                 |
|----------------------------------|------------------------------|---------------------------------|
| Nebr. Dept. of Natural Resources | Nebr. Natural Res. Districts | Nebr. Department of Roads       |
| US Geological Survey             | University of Nebraska       | USDA-Nat. Res. Conserv. Service |
| Rainwater Basin Joint Venture    | Local Government             | Federal Emergency Mgmt. Agency  |
- Section 3.* Pursuant to the objectives outlined in the Database Goal adopted by the GIS Steering Committee this Advisory Committee is charged with reporting to the Steering Committee on the following areas relative to the potential use of LIDAR technologies to develop enhanced surface elevation data for Nebraska:
- a) an assessment of the current status and perceived adequacy of existing Nebraska surface elevation data, relative to the perceived short and intermediate-term needs;
  - b) an exploration and documentation of the likely costs and benefits of utilizing LIDAR technology to collect enhanced surface elevation data for large geographic areas of Nebraska; and;
  - c) recommendations related to possible future Nebraska LIDAR initiatives including technical standards, possible lead agencies, funding strategies, and timelines.
- Section 4.* The Advisory Committee's existence commences when this resolution is passed and concludes one year later. The GIS Steering Committee may extend the duration of the Advisory Committee.